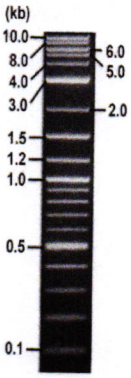
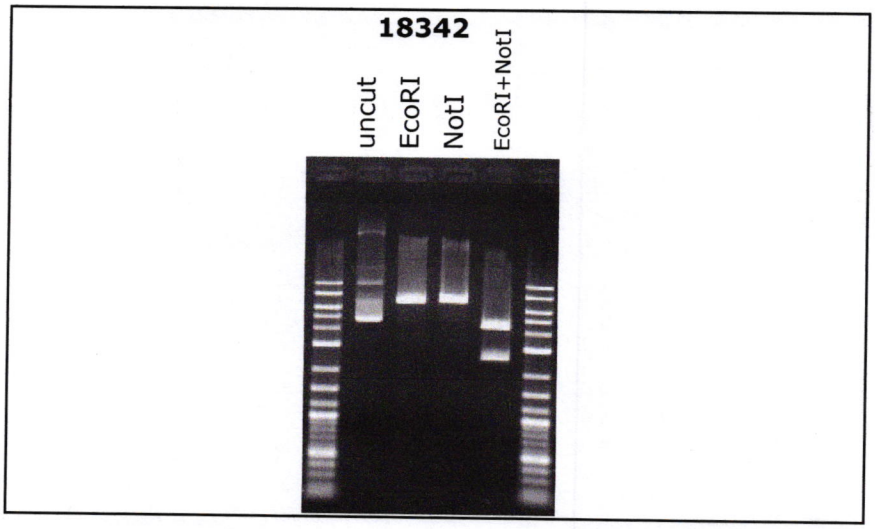
Gene Engineering Division
RIKEN BioResource Research Center

RIKEN DNA BANK clone name : pMK419 (GAL-OsTIR1F74G)

- **Clone ID** : RDB _ 18342
- **Lot** : 18342 _ B0Gf
- **DNA Concentration** : 25 nanogram/microliter
- **Volume** : 40 microliter
- **Form** : DNA solution in TE buffer
- **Host** : DH5 alpha
- **Culture** : LB medium
- **Antibiotics** : 100 microgram/ml Ampicillin
- **Purification** : QIAGEN QIAprep Spin Miniprep kit
- **Digestion by restriction enzyme**

1 kb Plus DNA Ladder (NEB#N3200L), 250 ng/well





Erectrophoresis : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
EcoRI	:	**6.9**	kbp
NotI	:	**6.9**	kbp
EcoRI+NotI	:	**4.3, 2.5**	kbp
	:		kbp

- **Confirmation of the insertion sequence**

Please be sure to check our sequence analysis results before your request.

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0739	pUC-CAPbs_up_F2	insert 5'(GAL1-10 pro)
Sequence - B	Pr0544	pBAC_lac_F	insert 3'(OsTIR1(F74G) 3')
Sequence - C	Pr0030	GAL1pro_F	insert mid(GAL1-10 pro,OsTIR1(F74G) 5')
Sequence - D	Pr0170	URA3pro_F	URA3 pro, URA3 5'
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

確認 23.2.13 岸川

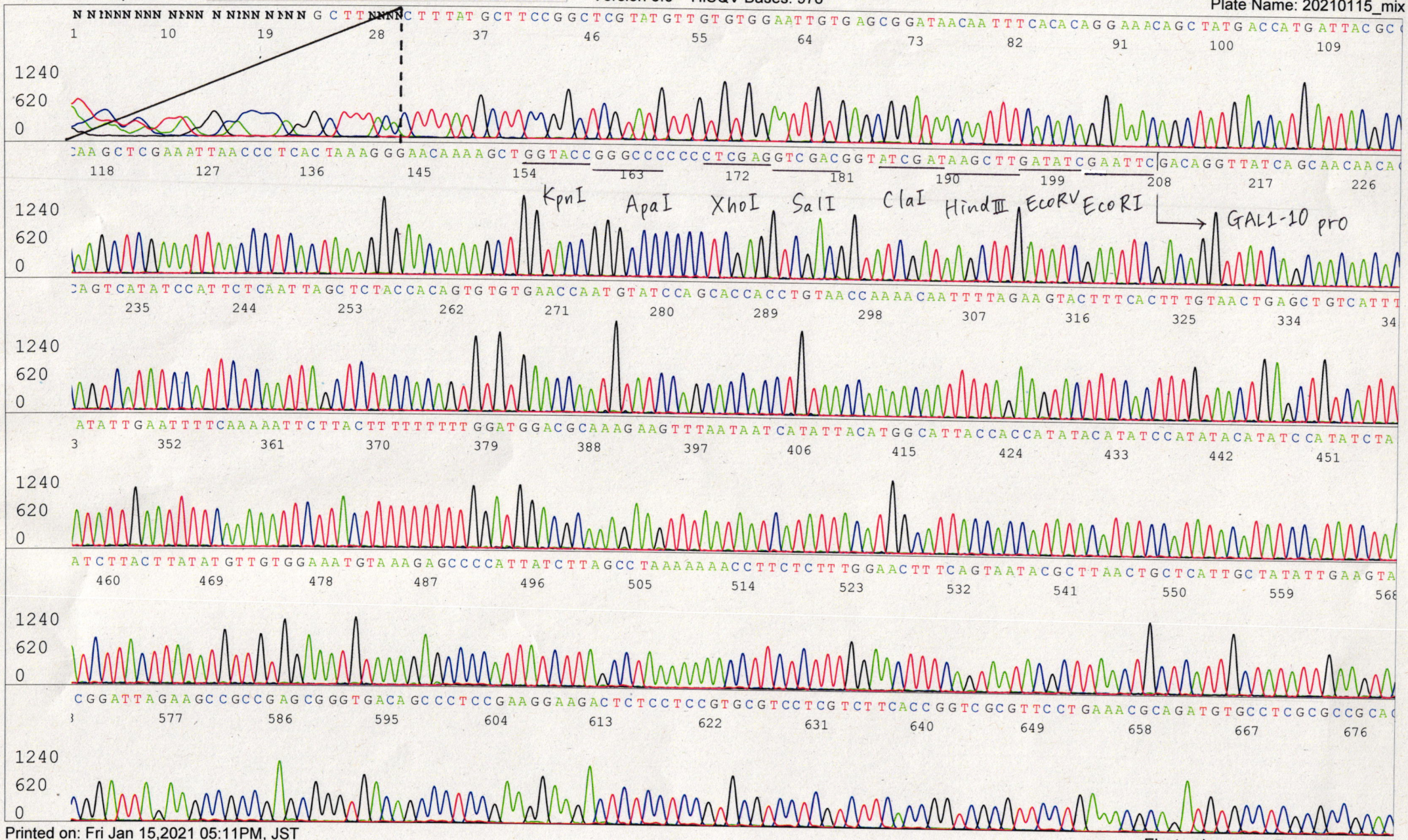
Applied Biosystems

D07105B1_B0Gf_1_pUC-CAPbs_up_F2_E03_15_ABI24
D07105B1_B0Gf_1_pUC-CAPbs_up_F2
KB_3500_POP7_BDTv3.mob
Pts 1408 to 14067 Pk1 Loc:1385
Version 6.0 HiSQV Bases: 978

Inst Model/Name 3500/3500 Instrument
Jan 15,2021 02:08PM, JST
Jan 15,2021 02:35PM, JST
Spacing:12.25 Pts/Panel1350
Plate Name: 20210115_mix

S/N G:111 A:125 T:103 C:96
KB.bcp
KB 1.4.1.8 Cap:15

primer name A : pUC-CAPbs_up_F2
5'-GTGAGCGCAACGCAATTAATG-3'



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Applied Biosystems

S/N G:111 A:125 T:103 C:96
KB.bcp
KB 1.4.1.8 Cap:15

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D07105B1_B0Gf_1_pUC-CAPbs_up_F2
KB_3500_POP7_BDTv3.mob
Pts 1408 to 14067 Pk1 Loc:1385
Version 6.0 HiSQV Bases: 978

Inst Model/Name 3500/3500 Instrument
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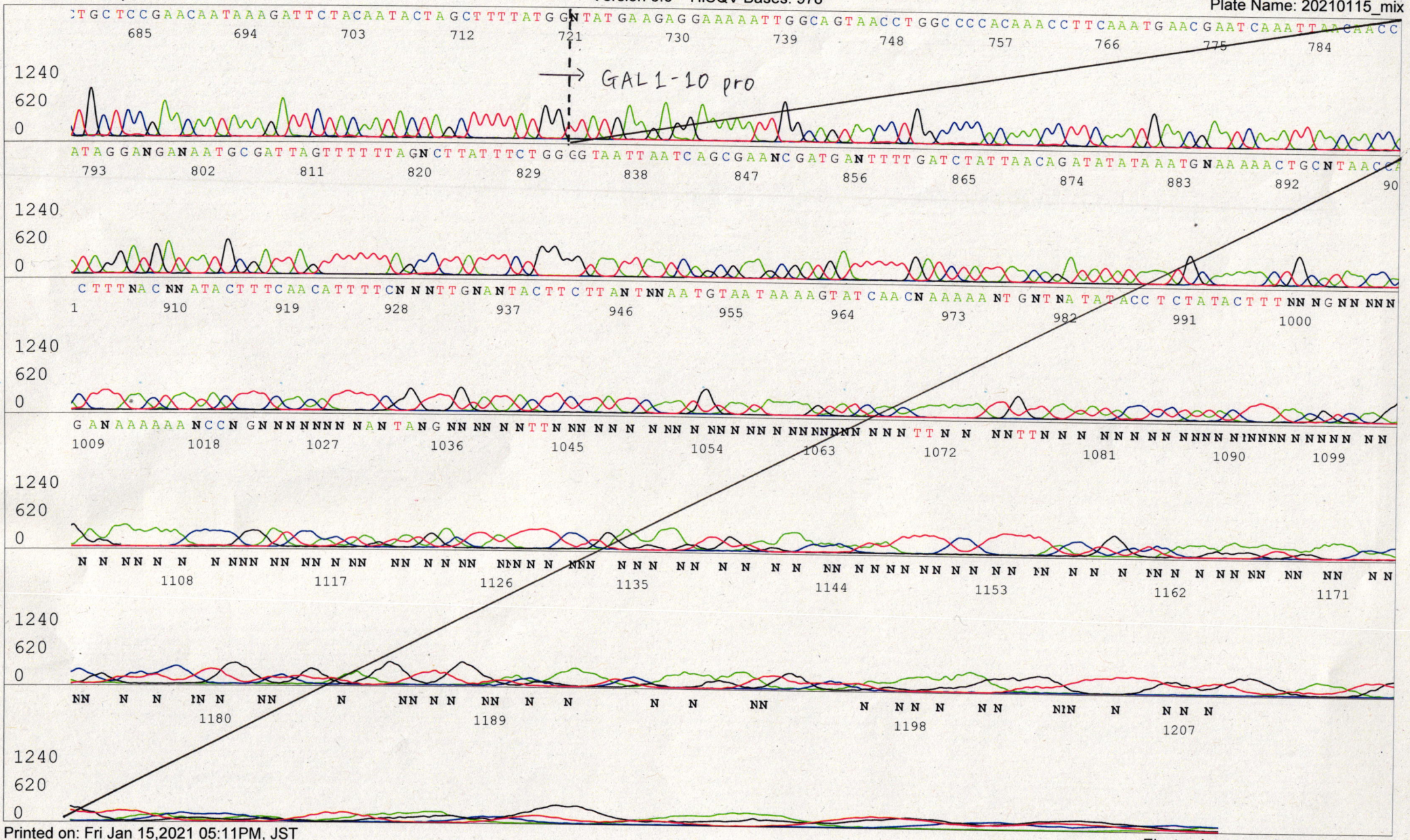

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Applied Biosystems

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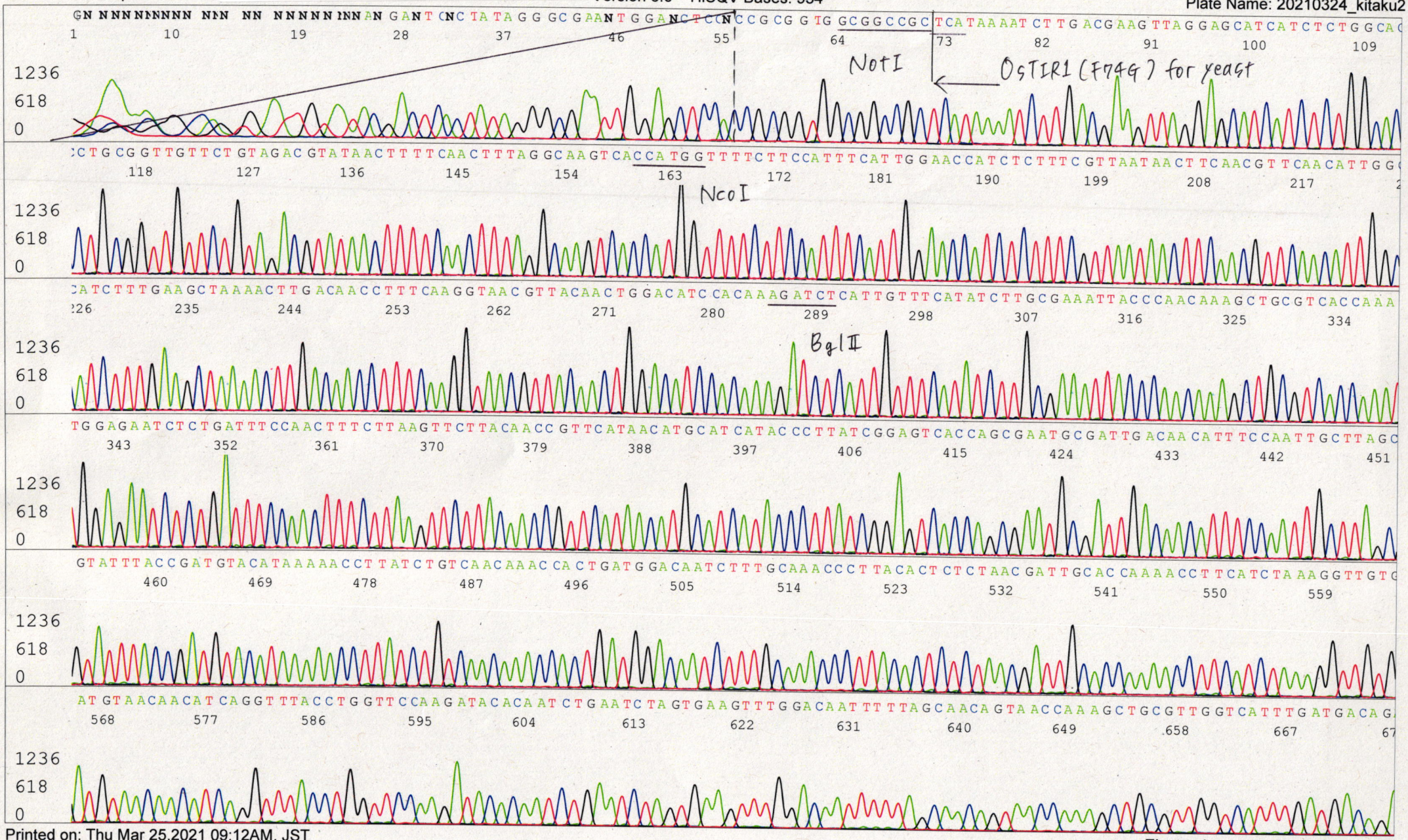
Pts 1461 to 13489 Pk1 Loc:1438
Version 6.0 HiSQV Bases: 934

Inst Model/Name 3500/3500 Instrument
Mar 24,2021 05:23PM, JST
Mar 24,2021 05:50PM, JST
Spacing:11.95 Pts/Panel1350
Plate Name: 20210324_kitaku2

S/N G:174 A:208 T:250 C:195
KB.bcp
KB 1.4.1.8 Cap:22

primer name B : pBAC_lac_F
5'- CGCCAGGGTTTTCCCAGTCACGAC -3'



Printed on: Thu Mar 25,2021 09:12AM, JST

Applied Biosystems

S/N G:174 A:208 T:250 C:195
KB.bcp
KB 1.4.1.8 Cap:22

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D07105B1_B0Gf_1_pBAC_lac_F
KB_3500_POP7_BDTv3.mob
Pts 1461 to 13489 Pk1 Loc:1438
Version 6.0 HiSQV Bases: 934

Inst Model/Name 3500/3500 Instrument
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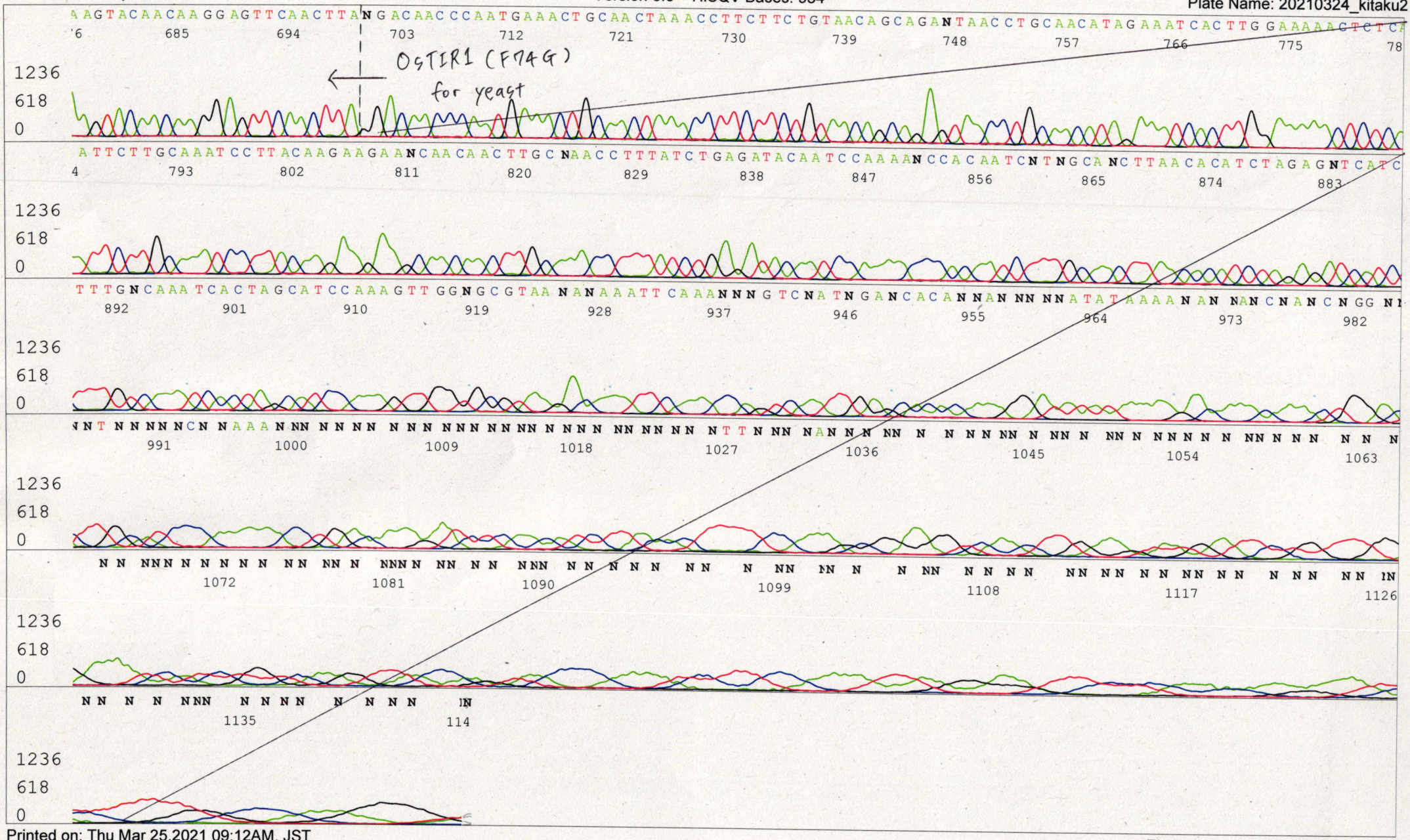
Spacing:11.95 Pts/Panel1350
Plate Name: 20210324_kitaku2



Printed on: Thu Mar 25,2021 09:12AM, JST

Applied Biosystems

S/N G:99 A:89 T:67 C:42
KB.bcp
KB 1.4.1.8 Cap:5

primer name C : GAL1pro_F2
5'-TGCAAAAACTGCATAACCAC-3'

D07105B1_B0Gf_1_GAL1pro_F2_B08_05_ABI24
D07105B1_B0Gf_1_GAL1pro_F2
KB_3500_POP7_BDTv3.mob
Pts 1467 to 13447 Pk1 Loc:1444
Version 6.0 HiSQV Bases: 959

Inst Model/Name 3500/3500 Instrument
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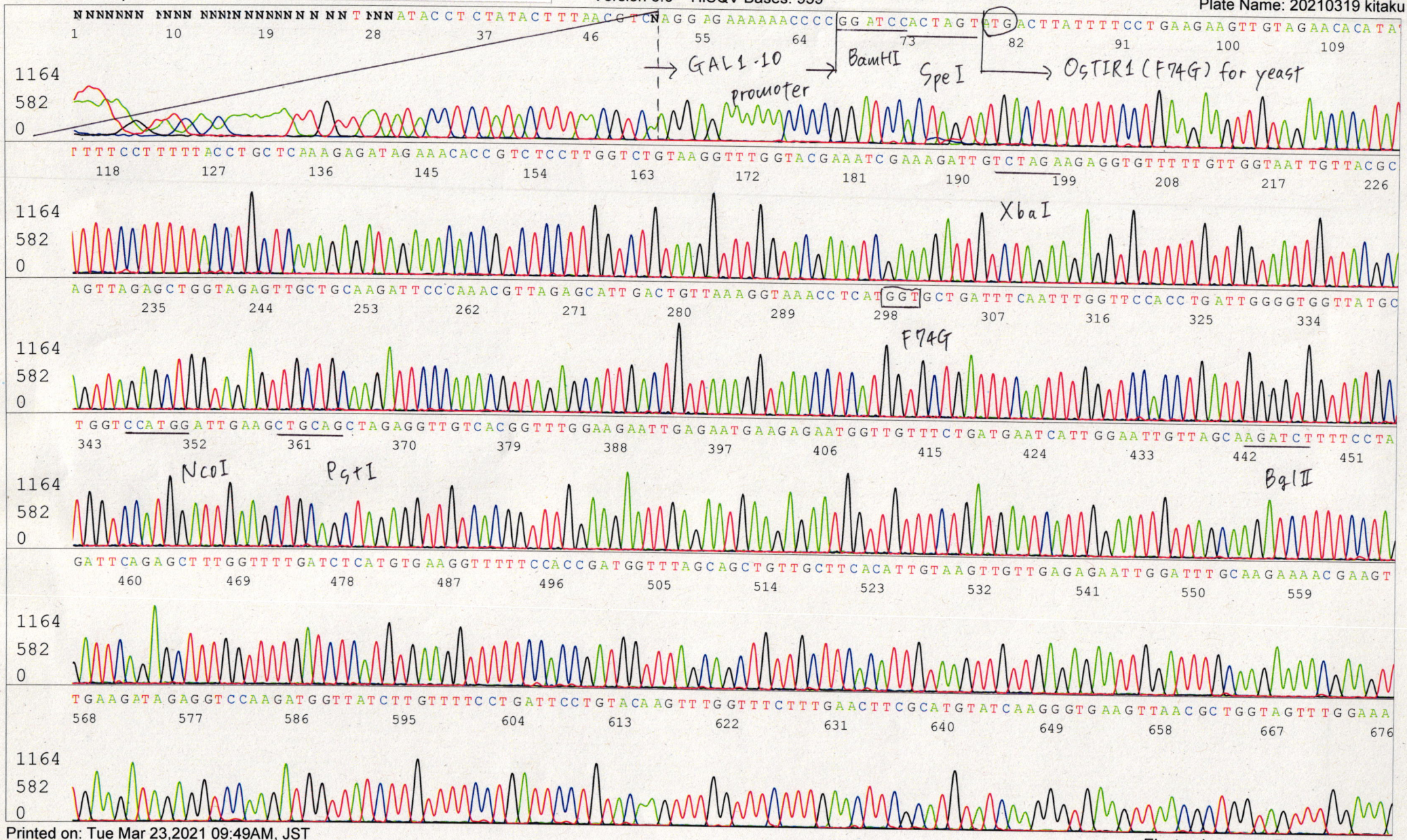
Mar 19,2021 03:03PM, JST
Spacing:11.98 Pts/Panel1350
Plate Name: 20210319 kitaku



Printed on: Tue Mar 23,2021 09:49AM, JST

Applied Biosystems

S/N G:99 A:89 T:67 C:42
KB.bcp
KB 1.4.1.8 Cap:5

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D07105B1_B0Gf_1_GAL1pro_F2
KB_3500_POP7_BDTv3.mob
Pts 1467 to 13447 Pk1 Loc:1444
Version 6.0 HiSQV Bases: 959

Inst Model/Name 3500/3500 Instrument
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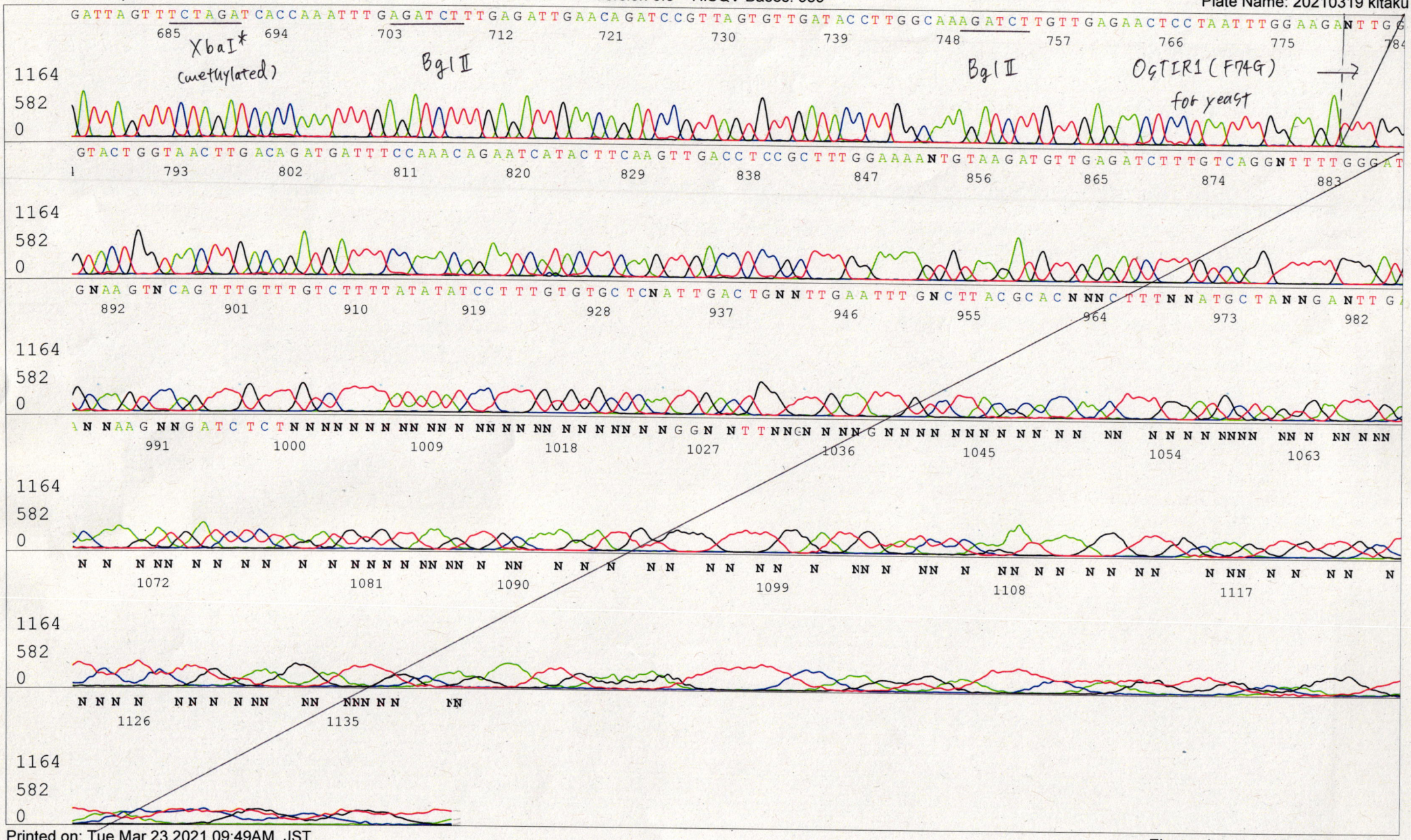
Mar 19,2021 03:03PM, JST
Spacing:11.98 Pts/Panel1350
Plate Name: 20210319 kitaku



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Applied Biosystems

S/N G:79 A:48 T:38 C:21
KB.bcp
KB 1.4.1.8 Cap:24

primer name D : URA3pro_F
5'-AAGGAGCACAGACTTAGATTGG-3'

D07105B1_B0Gf_1_URA3pro_F_H03_24_ABI24
D07105B1_B0Gf_1_URA3pro_F
KB_3500_POP7_BDTv3.mob
Pts 1408 to 13906 Pk1 Loc:1385
Version 6.0 HiSQV Bases: 967

Inst Model/Name 3500/3500 Instrument
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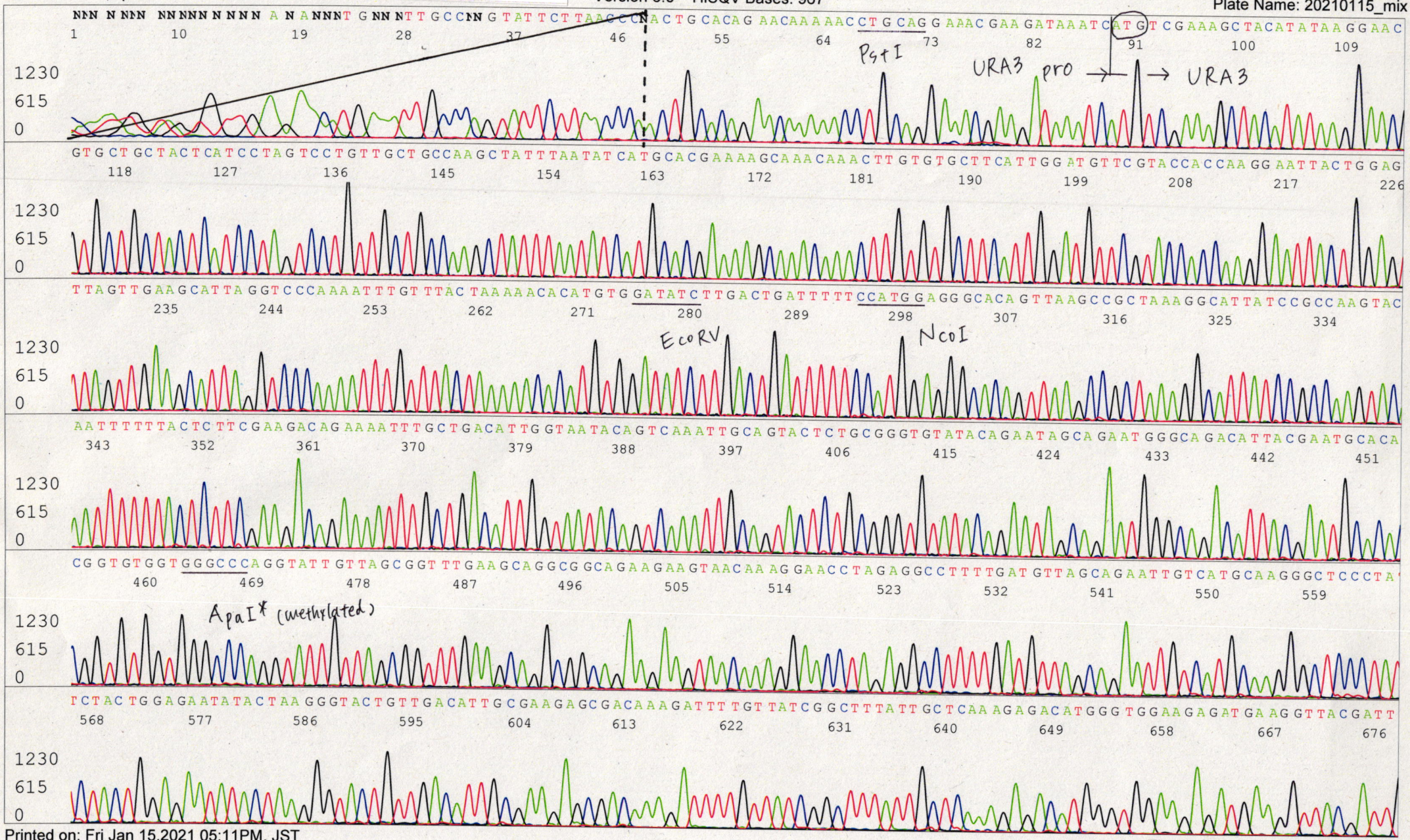
Jan 15,2021 02:35PM, JST
Spacing:12.36 Pts/Panel1350
Plate Name: 20210115_mix



Printed on: Fri Jan 15,2021 05:11PM, JST

Applied Biosystems

S/N G:79 A:48 T:38 C:21
KB.bcp
KB 1.4.1.8 Cap:24

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D07105B1_B0Gf_1_URA3pro_F
KB_3500_POP7_BDTv3.mob
Pts 1408 to 13906 Pk1 Loc:1385
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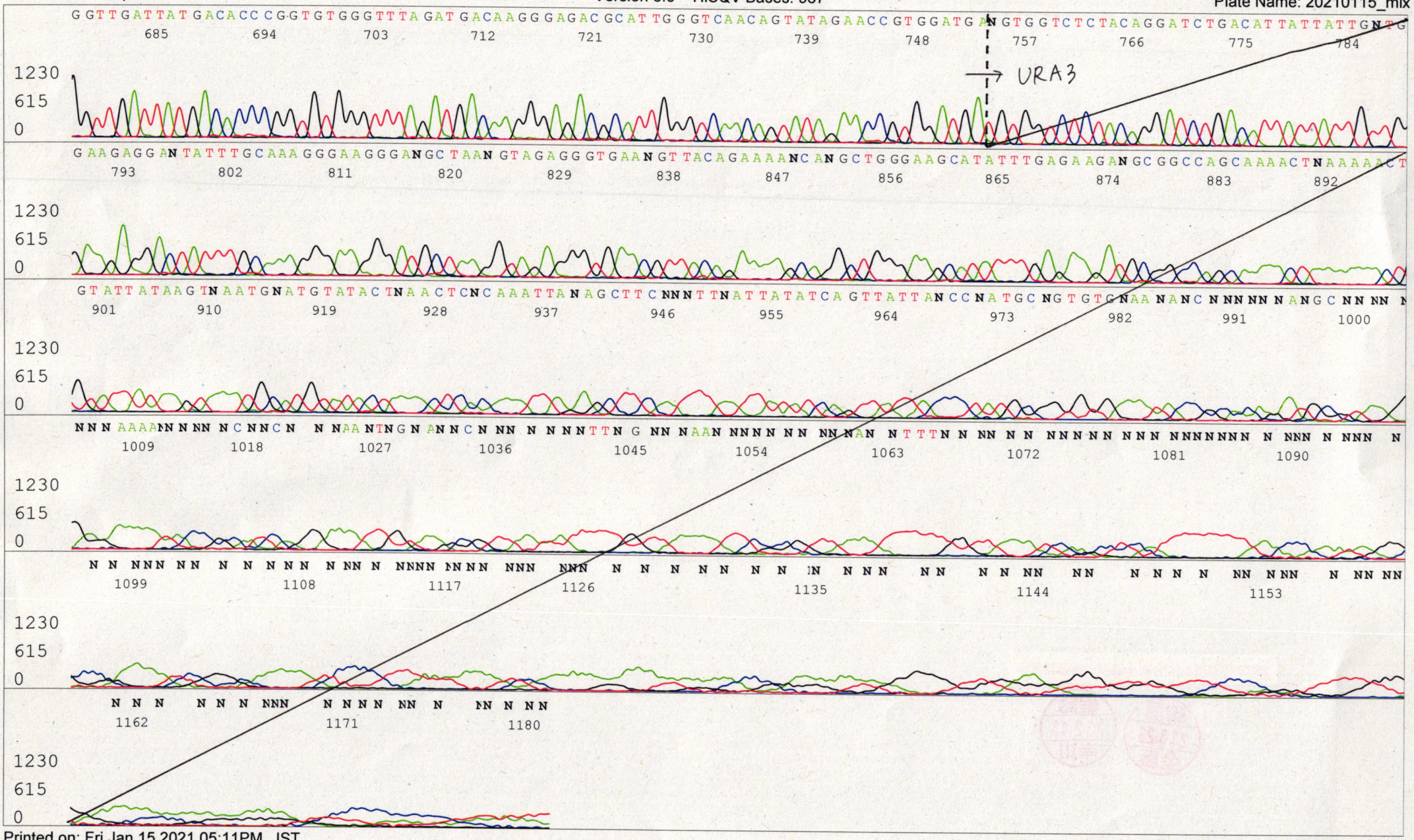

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